OIPE *AUG 15 2005* *PATENT & TRADEMARK*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Widmer
Docket No.: YOR920030040US1
Serial No.: 10/666,285
Patent No.: 6,911,921 B2
Issue Date: June 28, 2005
Group: 2819
Examiner: Howard Williams

> I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
>
> Signature: _M. J. Capp_ Date: August 11, 2005

Title: 5B/6B-T, 3B/4B-T and Partitioned 8B/10B-T and 10B/12B Transmission Codes, and Their Implementation for High Operating Rates

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TRANSMITTAL LETTER

Certificate AUG 1 9 2005 of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

Sir:

   Submitted herewith are the following documents relating to the above-identified patent:

   1. Request for Certificate of Correction Under 37 CFR §1.322(a); and
   2. Certificate of Correction

   There is no additional fee due in conjunction with this Certificate of Correction. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Deposit Account No. 50-0510** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Paul J. Otterstedt

Date: August 11, 2005

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AUG 2 2 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Widmer
Docket No.: YOR920030040US1
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> Signature: _M. J. Lyon_ Date: August 11, 2005

Title: 5B/6B-T, 3B/4B-T and Partitioned 8B/10B-T and 10B/12B Transmission Codes, and Their Implementation for High Operating Rates

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REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR PTO MISTAKE(S) UNDER 37 CFR §1.322(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

Sir:

In accordance with 37 CFR §1.322, the patentee for the above-identified patent hereby requests the issuance of a Certificate of Correction with respect to errors in the above-identified patent.

The errors are set forth on the proposed Certificate of Correction (PTO-1050) submitted herewith, in duplicate.

There is no additional fee due in conjunction with this Certificate of Correction. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **IBM Deposit Account No. 50-0510** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Paul J. Otterstedt

Date: August 11, 2005

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AUG 2 2 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 B2

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 1, line 23, before "transmission" and after "partitioned" replace "8B/00B" with -- 8B/10B --.

In the specification, column 5, line 22, replace "D16   0* 0 0 0 0" with -- D16   0* 0 0 0 1 --.

In the specification, column 6, line 47, replace "S1 = PDFS6 • C • D • E'•(A ≠ D)" with -- S1 = PDFS6 • C • D • E'•(A ≠ B) --.

In the specification, column 6, line 59, replace "S2 = NDFS6 • A'•C'•D'•(8 ≠ E)" with -- S2 = NDFS6 • A'•C'•D'•(B ≠ E) --.

In the specification, column 7, line 20, replace
"$f = F' + G • H • S1 + G • H • S2 + G • H • K • E$" with --
$f' = F' + G • H • S1 + G • H • S2 + G • H • K • E$ --.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   :   6,911,921 *B2*

DATED   :   June 28, 2005

INVENTOR(S) :   Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 7, lines 22-23, replace

$$\text{,,} f = F' + G \bullet H \bullet C \bullet D \bullet E' \bullet (A \neq B) \bullet PDFS6 + G \bullet H \neq A' \bullet C' \bullet D' \bullet (B \neq E) \bullet NDFS6 + \text{,,}$$
$$G \bullet H \bullet K \bullet E$$

with:

$$f' = F' + G \bullet H \bullet C \bullet D \bullet E' \bullet (A \neq B) \bullet PDFS6 + G \bullet H \bullet A' \bullet C' \bullet D' \bullet (B \neq E) \bullet NDFS6 +$$
$$G \bullet H \bullet K \bullet E \quad \text{--.}$$

In the specification, column 9, line 20, replace

"$PDRS6 = E' \bullet (A \neq B) \bullet (C \neq D) + A' \bullet (B \neq C) \bullet (D \neq E) + B' \bullet C' \bullet E \bullet (A \neq D) + E \neq K$"

with:

$$-- PDRS6 = E' \bullet (A \neq B) \bullet (C \neq D) + A' \bullet (B \neq C) \bullet (D \neq E) + B' \bullet C' \bullet E \bullet (A \neq D) + E \bullet K \quad --.$$

In the specification, column 9, line 32, replace "D/K30   0 1 1 1" with
-- D/K30   0 1 1 1 1 --.

In the specification, column 9, line 34, after "The vectors D7 and D/K23 can be identified by" replace "$A \bullet B \bullet C \bullet D \bullet .$" with -- $A \bullet B \bullet C \bullet D'.$ --.

In the specification, column 9, line 40, replace "MDRS6 =" with -- NDRS6 = --.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 B2

DATED   : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 10, line 42, replace "$WB6 = A\infty \bullet B' \bullet D' \bullet E'$." with -- $WB6 = A' \bullet B' \bullet D' \bullet E'$. --.

In the specification, column 14, line 40, replace "D/K230" with -- D/K23 --.

In the specification, column 14, line 41, replace "D/K270" with -- D/K27 --.

In the specification, column 15, line 13, replace "$n5 = a' \bullet b \bullet e' \bullet i \bullet (c \neq d) + a' \bullet b' \bullet c \neq i \neq (d \neq e)$" with -- $n5 = a' \bullet b \bullet e' \bullet i \bullet (c \neq d) + a' \bullet b' \bullet c \bullet i \bullet (d \neq e)$ --.

In the specification, column 15, line 25, replace "$CMPLe = CMPL5 + a' \bullet b \bullet c' \bullet d' \bullet e \neq i$" with -- $CMPLe = CMPL5 + a' \bullet b \bullet c' \bullet d' \bullet e \bullet i$ --.

In the specification, column 15, line 47, before "used" and after "are" delete -- use --.

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PATENT NO. 6,911,921

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 *B2*

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 17, line 67, replace "$n19 = a' \bullet b' \bullet c' \bullet d \bullet (e\infty + i')$" with
-- $n19 = a' \bullet b' \bullet c' \bullet d \bullet (e' + i')$ --.

In the specification, column 19, line 39, replace
"$CMPLg = (c' \bullet d' \bullet e' \bullet i') \bullet (f \neq g) \bullet (h \neq j) \neq (f \bullet h)' + g' \bullet h \bullet j + g \bullet h' \bullet j + (f \neq j) \bullet g' \bullet$"
with:
-- $CMPLg = (c' \bullet d' \bullet e' \bullet i') \bullet (f \neq g) \bullet (h \neq j) \bullet (f \bullet h)' + g' \bullet h \bullet j + g \bullet h' \bullet j + (f \neq j) \bullet g'$ --.

In the specification, column 20, line 67, after "Where" replace
"$P22 = (a \neq b) \bullet (e \neq d) + (a = b) \bullet (c = d) \bullet (b \neq c)$" with
-- $P22 = (a \neq b) \bullet (c \neq d) + (a = b) \bullet (c = d) \bullet (b \neq c)$ --.

In the specification, column 21, line 60, replace
"PDFBY=PDUBY__LAST+PDFBY__LAST $\bullet$ NDUBY__LAST" with
-- PDFBY=PDUBY__LAST+PDFBY__LAST $\bullet$ NDUBY__LAST' --.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,911,921 B2

DATED : June 28, 2005

INVENTOR(S) : Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification, column 22, line 30, replace
"PDFBY0=PDUBY3__LAST+PDFBY3__LAST•NDUBY3__LAST" with
-- PDFBY0=PDUBY3__LAST+PDFBY3__LAST•NDUBY3__LAST' --.

In the specification, column 22, line 31, replace
"NDFBY0=NDUBY3__LAST+NDFBY3__LAST•PDUBY3__LAST" with
-- NDFBY0=NDUBY3__LAST+NDFBY3__LAST•PDUBY3__LAST' --.

In the specification, column 23, line 10, replace "PNDFBYL=PDFBY1'" with
-- PNDFBY1=PDFBY1' --.

In the specification, column 25, line 48, replace
"$i = C'•D'•E'•(K • A)'+A'•B'•C'•D'+A'•B'•E'•(C \neq D) + A \neq B • C • D$"
with:
-- $i = C'•D'•E'•(K • A)'+A'•B'•C'•D'+A'•B'•E'•(C \neq D) + A • B • C • D$ --.

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CERTIFICATE OF CORRECTION

PATENT NO   :   6,911,921 *B2*

DATED   :   June 28, 2005

INVENTOR(S) :   Widmer

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

In claim 3, line 4, before "wherein" delete -- and --.

In claim 14, line 1, before "operative" and after "claim 13" replace "farther" with
-- further --.

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